

CLAIMS

- [001] Process for the coextrusion of at least two polymer melt streams of different composition characterised by the process steps of
- a) melting of a polymer mass
 - b) separating the melt into at least two melt streams
 - c) mixing of additives into at least one melt stream and
 - d) combining the melt streams with coextrusion in one or several extrusion dies, the polymer mass being based on polyvinyl butyral, ethylene vinyl acetate, polyvinyl alcohol and/or a terpolymer with ethylene units, vinyl acetate units and vinyl alcohol units.
- [002] Process according to claim 1 characterised in that at least one melt stream is passed in before and/or after process step c) being carried out by a dynamic or static mixing section.
- [003] Process according to one of claims 1 or 2 characterised in that process step c) of at least one melt stream takes place in a dynamic mixer.
- [004] Process according to one of claims 1 to 3 characterised in that the melt is passed through a melt filter between process step a) and b).
- [005] Process according to one of claims 1 to 4 characterised in that, after process step b),

at least one melt stream is passed through a melt filter before and/or after the corresponding process step c).

[006] Process according to one of claims 1 to 5 characterised in that at least one melt stream is extruded in process step d) through an extrusion die with a wedge-shaped or torpedo-shaped partial area.

[007] Process according to one of claims 1 to 6 characterised in that the additive in process step c) contains organic or inorganic pigments, carbon black, silicic acid, UV stabilisers and/or titanium dioxide.

[008] Process according to one of claims 1 to 7 characterised in that the additive in process step c) contains PVB, EVA, PVC, PE, PP, PS, PC, PA and/or PMMA as such or as a blend and/or in mixture with plasticizers and/or fillers.

[009] Process according to one of claims 1 to 8 characterised in that in process step d) at least two melt streams of a different colour are extruded to form a film or sheet with at least two areas of different colour intensity.

[010] Process for the production of a film exhibiting a tinted strip and suitable for use as intermediate layer in laminated glazing characterised in that, in a process according to claims 1 to 9, a mass containing polyvinyl butyral is melted, divided into a main stream and a subsidiary stream, pigments are added to the subsidiary stream and the two streams are

coextruded to form a film exhibiting a tinted strip.